

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 13

Complete if Known

Application No.	10/010,167
Filing Date:	December 10, 2001
First Named Inventor	Roninson et al.
Group Art Unit	1636
Examiner Name	J. Ketter
Attorney Docket No.	93,354-SS

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
M	1	5,217,889		Roninson	May 9, 2000	RECEIVED AUG 21 2003 TECH CENTER 1600/2900
	2	6,083,745		Gudkov et al.	July 4, 2000	
	3	6,197,521	B1	Gudkov et al.	March 6, 2001	
	4	6,060,244		Roninson	May 9, 2002	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
M	5	WO	91/07492		Central Blood Laboratories Authority	May 30, 1991		

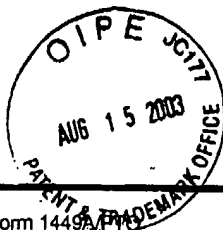
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M	6	Albritton et al., "A Putative Murine Ecotropic Retrovirus Receptor Gene Encodes a Multiple Membrane-Spanning Protein and Confers Susceptibility to Virus Infection", 1989, Cell 57:659-666.	
	7	Altshul et al., "Basic Local Alignment Search Tool", 1990, J. Mol. Biol. 215:403-410.	
	8	Baim et al. "A Chimeric Mammalian Transactivator Based on the Lac Repressor that is regulated by Temperature and isopropyl b-D-thiogalactopyranoside", Proc Natl Acad Sci USA 88:5072-5076 (1991).	
Examiner Signature	J. KETTER		Date Considered 12/9/04

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		Examiner Name	J. Ketter
Attorney Docket No.	93,354-SS		
Sheet	2	of	13

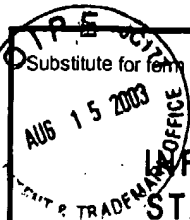
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	9	Baird et al., "Identification, Cloning and Characterization of the Escherich coli sohA Gene, a Suppressor of the htrA (degP) Null Phenotype", J. Bacteriol 172: 1587-1594 (1990).	
	10	Ballester et al., "The NF1 Locus Encodes a Protein Funcationally Related to Mammalian GAP and Yeast IRA Proteins", 1990, Cell 62: 851-859.	
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	12	Barbacid, "ras GENES ¹ " 1987, Ann. Rev. Biochem. 56: 779-827.	
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	14	Bodine et al., "Development of a high-titer retrovirus producer cell line capable of gene transfer into rhesus monkey hematopoietic stem cells", Proc Natl Acad Sci USA 87:3738-3742 (1990).	
	15	Buchberg et al., "Sequence homology shared by neurofibromatosis type-1 gene and IRA-a and IRA-2 negative regulators of the RAS cyclic AMP pathway", 1990, Nature 347:291-294.	
	16	Bunnell et al., "A Dominant Negative Mutation in Two Proteins Created by Ectopic Expression of an AU-Rich 3' Untranslated Region", Somat. Cell Mol. Genet. 16: 151-162 (1990).	
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	18	Ch'ng et al., "Antisense RNA complementary to 3' Coding and noncoding sequences of creatine kinase is a potent inhibitor of translation in vivo", Proc. Natl. Acad. Sci. 86: 10006-10010 (1989).	
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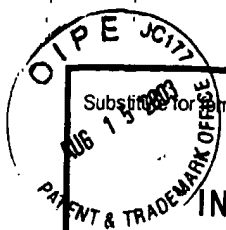
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	19	Chejanovsky et al., "MutationJ. Virol. <u>64</u> : 1764-1770 (1990).
	20	Chen et al. "Internal Duplication and Homology with Bacterial Transport Proteins in the mdr1 (P-Glycoprotein) Gene from Multidrug-Resistant Human Cells" <u>47</u> :381-389 (1986).
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	23	Damm et al., "Protein encoded by v-erbA functions as a thyroid-hormone receptor antagonist", Nature, vol. 339, June 22, 1989 pages. 593-597.
	24	Daugherty et al., "Antisense RNA: Effect of Ribosome Binding Sites, Target Location, Size, and Concentration on the Translation of Specific mRNA Molecules", Gene Anal. Tech. <u>6</u> :1-16 (1989).
	25	Deiss et al., "A Genetic Tool Uses to Identify Thioredoxin as a Mediator of a Growth Inhibitory Signal", Science Vol. <u>252</u> :117-120 (1991).
	26	Duerre et al., "Effect of Methylation inhibitors on Gene Expression in HL-60 Cells", 1992, Biochem. Biolog. Cell. <u>70</u> :703-711.
	27	Eliyahu et al., "Participation of p53 Cellular Tumour Antigen in Transformation of Normal Embryonic Cells", 1984, Nature <u>312</u> : 646-659.
	28	Endow, "The Emerging Kinesin Family of Microtubule Motor ProteinTrends Biochem Scie <u>16</u> : 221-225 (1991).
	29	Fearon et al., "Identification of a Chromosome 19q Gene That is Altered in Colorectal Cancers", 1990, Science <u>247</u> : 49-56.

Examiner Signature	<i>J. Ketter</i>	Date Considered	12/9/04
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		Group Art Unit	1636		
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Sheet	4	of	13	Attorney Docket No.	93.354-SS

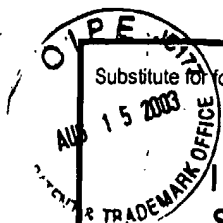
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[Signature]	30	Fereira et al., "Suppression of Kinesin Expression in Cultured Hippocampal Neurons Using Antisense Oligonucleotides", J. Cell Biol 117:595-606 (1992).	
	31	Fields et al., "Presence of a Potent Transcription Activating Sequence in the p53 Protein", 1990 Science, 249:1046-1049.	
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	37	Green et al., "Mutational Analysis of HIV-1 Tat Minimal Domain Peptides: Identificaiton of Trans-Dominant Mutants That Suppress HIV-LTR-Driven Gene Expression", Cell 58:215-223.	

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				First Named Inventor	Roninson et al.
				Group Art Unit	1636
				Examiner Name	J. Ketter
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	38	Groger et al., "Directional antisense and sense cDNA cloning using Epstein-Barr virus episomal expression vectors", Gene 81: 285-294 (1989).	
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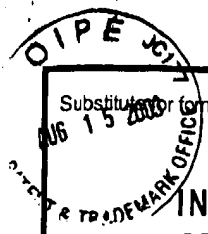
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	45	Kern et al., "Mutant p53 proteins bind DNA abnormally in vitro", 1991, Oncogene 6: 131-136.	
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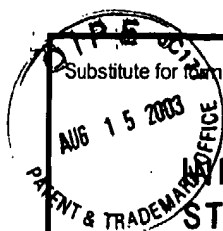
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<i>JK</i>	54	Laforgia et al., "Receptor protein-tyrosine phosphatase γ is a candidate tumor suppressor gene at human chromosome region 3p21", 1991, Proc. Natl. Acad. Sci. USA 88 : 5036-5040.	
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<i>L</i>	62	Miller & Rosman, "Improved Retroviral Vectors for Gene Transfer and Expression", Biotechniques 7 :980-986 (1989).	

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	69	Murphy and Efstatiadis, "Cloning vectors for expression of cDNA libraries in mammalian cells", Proc. Natl. Acad. Sci. USA 84:8277-8281.	
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	71	Napoli C., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans", The Plant Cell 2(4):279-289(1990).	

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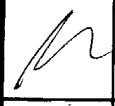

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	72	Navone et al. "Cloning and Expression of a Human Kinesin Heavy Chain Gene: Interaction of the COOH-terminal Domain with Cytoplasmic Microtubules in Transfected CV-1 Cells", J Cell Biol <u>117</u> : 1263-1275 (1992).	
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	79	Pauwels et al., "Rapid and automated terazolium-based colorimetric assay for the detection of anti-HIV Compounds", 1988, J. Virol. Meth. <u>20</u> : 309-321	
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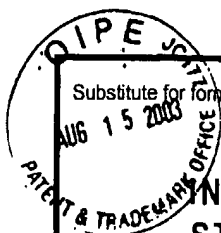
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	10	of	13
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Application No.	10/010,167
Filing Date:	December 10, 2001
First Named Inventor	Roninson et al.
Group Art Unit	1636
Examiner Name	J. Ketter
Attorney Docket No.	93,354-SS

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	81	Powell et al., "Protection against tobacco mosaic virus in transgenic plants that express tobacco mosaic virus antisense RNA", Proc. Natl. Acad. Sci, USA <u>86</u> : 6949-6952 (1989).	
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	83	Raycroft et al., "Transcriptional Activation by Wild-Type But Not Transforming Mutants of the p53 Anti-Oncogene", 1990, Science <u>249</u> : 1049-1051.	
	84	Rimsky et al., "Trans-dominant inactivation of HTLV-I and HIV-1 gene expression by mutation of the HTLV-I Rex transactivator", Nature <u>341</u> : 453-456 (1989).	
	85	Rio et al., "A Mammalian Host-Vector System That Regulates Expression and Amplification of Transfected Genes by Temperature Induction", Science <u>227</u> :23-28 (1985).	
	86	Sap et al., "The c-erb-A protein is a high-affinity receptor for thyroid hormone", 1986, Nature <u>324</u> : 635-640.	

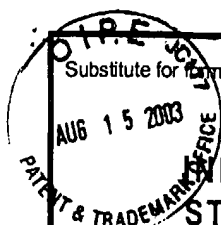
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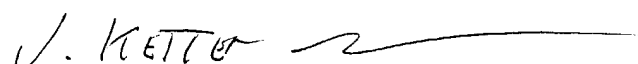
Sheet	11	of	13	Attorney Docket No.	93.354-SS
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Application No.	10/010,167
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First Named Inventor	Roninson et al.
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Examiner Name	J. Ketter
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	87	Sap et al., "Repression of Transcription mediated at a thyroid hormone response element by the v-erb-A oncogene product", 1989, Nature, <u>340</u> :242-244.	
	88	Sarver et al., "Ribozymes as Potential Anti-HIV -1 Therapeutic Agents", Science <u>247</u> :1222-1225 (1990).	
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	92	Shen et al., "Human Multidrug-Resistant Cell Lines: Increased mdr1 Expression Can Precede Gene Amplification", Science <u>232</u> : 643-645 (1986).	
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	94	Solomon et al., "Chromosome Aberrations and Cancer", 1991, Science, <u>254</u> : 1153-1160.	

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			Filing Date:	December 10, 2001	
			First Named Inventor	Roninson et al.	
			Group Art Unit	1636	
			Examiner Name	J. Ketter	
Sheet	12	of	13	Attorney Docket No.	93,354-SS

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	95	Trent et al., "Identification of a Recurring Translocation Site Involving Chromosome 6 in Human Malignant Melanoma", 1989, Cancer Res. <u>49</u> : 420-423.		
	96	Trono et al., "HIV-1 Gag Mutants Can Dominantly Interfere with the Replication of the Wild-Type Virus", Cell <u>59</u> :113-120 (1989).		
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				Filing Date:	December 10, 2001
				First Named Inventor	Roninson et al.
				Group Art Unit	1636
				Examiner Name	J. Ketter
				Attorney Docket No.	93,354-SS
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[illegible]

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